

Message

From: Newhouse, Kathleen [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=5F019C8179304045ACD61BC05B571FB0-NEWHOUSE, KATHLEEN]
Sent: 9/12/2014 3:35:32 PM
To: Strong, Jamie [Strong.Jamie@epa.gov]; Jones, Samantha [Jones.Samantha@epa.gov]
Subject: RE: BaP- results of supplemental lit search
Attachments: BaP Tox Review-SRC 08-27-14-HERO NET links-KN-SJ-9-12.docx; BaP Tox Review - Supplemental Info - SRC 8-27-14-HERO NET links-KN-with public comments-hero links-SJ edits.docx

Please review changes made in the lit search strategy section (all in track changes). I have three quick comments in the draft tox review. No major changes in the Supp info (attaching if anyone wants to skim it).

Making the HERO and HERO net versions now.

From: Strong, Jamie
Sent: Friday, September 12, 2014 8:12 AM
To: Newhouse, Kathleen; Jones, Samantha
Subject: RE: BaP- results of supplemental lit search

Thanks!!

From: Newhouse, Kathleen
Sent: Friday, September 12, 2014 11:06 AM
To: Strong, Jamie; Jones, Samantha
Subject: RE: BaP- results of supplemental lit search

OK.

From: Strong, Jamie
Sent: Friday, September 12, 2014 8:06 AM
To: Newhouse, Kathleen; Jones, Samantha
Subject: RE: BaP- results of supplemental lit search

Just send Maureen the Supplemental. Hold the TR. Need to talk to Samantha and make decision about how (or if) we include new studies.

From: Newhouse, Kathleen
Sent: Friday, September 12, 2014 11:01 AM
To: Strong, Jamie; Jones, Samantha
Subject: RE: BaP- results of supplemental lit search

Sure. I can do this. Sounds like we are moving forward with the draft as is (w/out the new studies for now-but will discuss them on Monday).

Ex. 6 Personal Privacy (PP)

From: Strong, Jamie
Sent: Friday, September 12, 2014 7:37 AM

To: Jones, Samantha
Cc: Newhouse, Kathleen
Subject: RE: BaP- results of supplemental lit search

Okay. Thanks. Kathleen,

Ex. 6 Personal Privacy (PP)

Ex. 6 Personal Privacy (PP)

I probably won't be able to send to Maureen today. Can you look it over as Samantha said and send the HERO version to her with a cc to me and Samantha? Let her know that she will get the TR late Monday afternoon/early Tuesday morning (I hope that's feasible).

Jamie

From: Jones, Samantha
Sent: Friday, September 12, 2014 10:22 AM
To: Strong, Jamie
Cc: Newhouse, Kathleen
Subject: Re: BaP- results of supplemental lit search

Meeting on Monday sounds fine for me.

I will send you the charge on Monday.

Don't send the hero net version to Maureen. I'll try to PDF them. Just send her the hero versions for PDF and 508.

Before sending to Maureen someone needs to page thru to make sure there are no problems with the word doc.

Tuesday is out. We can get an estimate from Maureen on how long the conversion will take. She is already starting on the web edits.

We should be fine.

Sent from my iPhone

On Sep 12, 2014, at 7:04 AM, "Strong, Jamie" <Strong.Jamie@epa.gov> wrote:

Kathleen,

In the interim can you wrap everything else up? If the supplemental and response to comments is finished, please send to me (need HERO and HEROnet of Suppl) so I can get these to Maureen today. We will wait on the charge and TR until Monday. I'm starting to doubt a Tuesday posting now. Hopefully next week though, we are running out of time.

Jamie

From: Jones, Samantha
Sent: Thursday, September 11, 2014 6:37 PM

To: Strong, Jamie
Cc: Newhouse, Kathleen
Subject: Re: BaP- results of supplemental lit search

I could talk briefly tomorrow but I'll be in NC, so would have to work around family.

Ex. 5 Deliberative Process (DP)

With the updated lit search...I don't want that to dominant as the second sentence in the beginning of the lot search section. Send me the tox review when you have it and I'll look at it quickly and give you suggested changes (if relevant)

Sent from my iPhone

On Sep 11, 2014, at 2:53 PM, "Strong, Jamie" <Strong.Jamie@epa.gov> wrote:

Samantha is out tomorrow too.

From: Newhouse, Kathleen
Sent: Thursday, September 11, 2014 11:58 AM
To: Strong, Jamie; Jones, Samantha
Subject: RE: BaP- results of supplemental lit search

OK. I am available tomorrow if you want to talk (sometime between 11 and 1 EST would work for me).
In the meantime I'll get more familiar with the three new studies I found.
I've finished the other edits to the tox review and supp info.

From: Strong, Jamie
Sent: Thursday, September 11, 2014 8:44 AM
To: Newhouse, Kathleen; Jones, Samantha
Subject: RE: BaP- results of supplemental lit search

Im leaving early so I canceled our weekly. [Ex. 6 Personal Privacy (PP)] Monday? I don't think that BaP will be released Tuesday regardless...we don't have anything to Maureen to date.

From: Newhouse, Kathleen
Sent: Thursday, September 11, 2014 11:42 AM
To: Jones, Samantha; Strong, Jamie
Subject: RE: BaP- results of supplemental lit search

Jamie-here are my edits and thoughts in response to your comments.

I think this paragraph would fit into the lit search strategy section (incorporated into the introductory paragraph).

I think you are suggesting to add the new studies to the document? Just for reference, the last informative animal study that we identified (Jules 2012), we integrated into the assessment which involved 20 different mentions: in the summary text, discussion in the hazard text, in the evidence table (2Xs), the dose response section, and in the two dose response tables...and this study could not be modeled, so we did not need to do BMD modeling.

Doing this for three more studies is going to take probably several more days to another week. Maybe we can talk about this at our meeting today.

From: Jones, Samantha
Sent: Thursday, September 11, 2014 8:13 AM
To: Strong, Jamie
Cc: Newhouse, Kathleen
Subject: Re: BaP- results of supplemental lit search

Yes, I'll take a quick look and get back to you.

Sent from my iPhone

On Sep 11, 2014, at 8:00 AM, "Strong, Jamie" <Strong.Jamie@epa.gov> wrote:

Kathleen,
Samantha is out today. See my edits below. Can you put this in the document where you think it fits? As for what to do with the studies...see my comment in the write up. Add to TR text where appropriate and I think maybe add the repro studies to the tables. I'd just do it and we can talk to Samantha later about it. Please send forward the TR, Supplemental and response to comment document. I'll go through one last time and send to Samantha. We need to get this to Maureen to pdf for next week.
Thanks,

From: Jones, Samantha
Sent: Wednesday, September 10, 2014 8:47 PM
To: Newhouse, Kathleen; Strong, Jamie
Subject: RE: BaP- results of supplemental lit search

This looks good. I have a few suggestions but need to look at this and how it would be fitting in with the tox review. Where would you place this paragraph?

From: Newhouse, Kathleen
Sent: Wednesday, September 10, 2014 2:59 PM
To: Jones, Samantha; Strong, Jamie
Subject: RE: BaP- results of supplemental lit search

I built off of the EtO text and came up with this:

Ex. 5 Deliberative Process (DP)

Ex. 5 Deliberative Process (DP)

-K

From: Newhouse, Kathleen
Sent: Wednesday, September 10, 2014 10:38 AM
To: Samantha Jones; Strong, Jamie
Subject: BaP- results of supplemental lit search

In Pubmed, I did a title screen and then an abstract screen using the following search terms and limits: benzo AND pyrene AND mice OR mouse OR rat, date limited from 1/1/2012 to present.

I got back about 250 titles and screened them down by title to about 25 abstracts based on relevance. I looked at those abstracts for duration (eliminating studies shorter than 28d if not developmental) and for route of administration (throwing out studies not by oral or inhalation route). This has resulted in three new animal studies for consideration. I have obtained the studies below and skimmed them, but I have not yet read the studies to get a better feel for their quality.

Maciel et al 2014: a 28 d, single dose gavage neurotox study in rats. It looks generally supportive of our neurotox findings (locomotor activity and short term memory). I will forward to Andrew, but looking at the study I think the UFs would be too high to derive a candidate value.

Jeng et al (2013): 30 and 60 day gavage study in mice, looked at male reproductive endpoints and found sperm effects, but at higher doses than several of our existing studies looking at the same endpoints. We could develop a candidate value from this study, but it would be less sensitive than other male repro values.

Liang et al 2012: a male repro/dev study treating rats from PND 1-7 by gavage. Effects on sperm count and testosterone production. Could develop a candidate value for this, but would not be as sensitive as similar male repro candidate values.

Overall, the new studies add supporting information to the identified hazards for BaP, but would not result in a new overall toxicity values or organ/system specific RfDs/RfCs.

Please advise on how you would like me to proceed.

Kathleen Newhouse, MS, DABT
Toxicologist, IRIS Program
National Center for Environmental Assessment
USEPA Office of Research and Development

Physical location:

EPA Region X
M/S OEA-095 office #14J14
1200 Sixth Ave Suite 1400
Seattle, Wa 98101-3123

206-553-1586



<BaP addtl lit search paragraph STRONG 091114.docx>